Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072919\
Data File : BM021721.D
Acq On : 30 Jul 2019 07:53
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02010

Manual Integrations APPROVED
mohammad
7/30/2019 4:52:00 PM

Quant Time: Jul 30 12:52:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 30 05:24:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	148817	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	601285	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	396632	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	793913	20.00	ng/ul	0.00
77) Chrysene-d12	21.27	240	677490	20.00	ng/ul	0.00
85) Perylene-d12	23.50	264	708892	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	26474	8.56	ng/uL	0.00
5) Phenol-d5	6.86	99	233966	20.90	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	136648	21.32	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	197691	21.28	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	195979	20.86	ng/ul	0.00
19) Nitrobenzene-d5	8.84	128	97492	21.68	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	105241	21.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	232031	21.88	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	226058	22.54	ng/ul	0.00
43) Dimethylphthalate-d6	13.74	166	661719	21.62	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	786343	21.61	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	91297	19.65	ng/ul	0.00
57) Fluorene-d10	15.32	176	572398	21.31	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	94476	19.14	ng/ul	0.00
70) Anthracene-d10	17.17	188	857295	21.46	ng/ul	0.00
78) Pyrene-d10	19.47	212	857228	22.56	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.36	264	800127	21.33	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	26241	8.444	ng/uL	95
4) Benzaldehyde	6.84	77	118293	21.484	ng/ul	98
6) Phenol	6.88	94	249894	20.918	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.12	93	190718	21.242	ng/ul	98
10) 2-Chlorophenol	7.25	128	211360	21.213	ng/ul	97
11) 2-Methylphenol	8.12	108	191238	20.782	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.20	45	242361m	21.056	ng/ul	
14) Acetophenone	8.50	105	329258	21.052	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.49	70	167222	21.814	ng/ul	100
16) 4-Methylphenol	8.45	108	215276	21.150	ng/ul	98
17) Hexachloroethane	8.73	117	95407	20.924	ng/ul	92
20) Nitrobenzene	8.88	77	259022	21.569	ng/ul	100
21) Isophorone	9.40	82	476000	22.041	ng/ul	99
23) 2-Nitrophenol	9.59	139	122283	21.850	ng/ul	97
24) 2,4-Dimethylphenol	9.64	107	254272	21.777	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.89	93	281942	21.591	ng/ul	99
27) 2,4-Dichlorophenol	10.11	162	233101	21.957	ng/ul	99
28) Naphthalene	10.50	128	711666	21.485	ng/ul	99
30) 4-Chloroaniline	10.63	127	241846	22.485	ng/ul	98
31) Hexachlorobutadiene	10.77	225	179134	21.932	ng/ul	98
32) Caprolactam	11.45	113	52828	19.830	ng/ul	93
33) 4-Chloro-3-methylphenol	11.76	107	234227	22.158	ng/ul	97
34) 2-Methylnaphthalene	12.12	142	533098	21.676	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.49	216	332176	21.447	ng/ul	99
37) Hexachlorocyclopentadiene	12.46	237	201192	23.697	ng/ul	98
38) 2,4,6-Trichlorophenol	12.74	196	201076	22.005	ng/ul	99
39) 2,4,5-Trichlorophenol	12.82	196	215549	21.874	ng/ul	99
40) 1,1'-Biphenyl	13.15	154	711650	21.335	ng/ul	99
41) 2-Chloronaphthalene	13.19	162	558969	21.381	ng/ul	100
42) 2-Nitroaniline	13.42	65	124508	22.548	ng/ul	99
44) Dimethylphthalate	13.79	163	683448	21.509	ng/ul	100
45) 2,6-Dinitrotoluene	13.92	165	121699	23.013	ng/ul	99
47) Acenaphthylene	14.04	152	839071	21.521	ng/ul	99
48) 3-Nitroaniline	14.26	138	88814	20.697	ng/ul	94
49) Acenaphthene	14.39	153	583807	21.479	ng/ul	99
50) 2,4-Dinitrophenol	14.47	184	53075	16.348	ng/ul	99
52) 4-Nitrophenol	14.56	109	86055	20.451	ng/ul	95
53) Dibenzofuran	14.72	168	852789	21.356	ng/ul	100
54) 2,4-Dinitrotoluene	14.72	165	189671	22.913	ng/ul	94
55) 2,3,4,6-Tetrachlorophenol	14.96	232	188280	21.600	ng/ul	96
56) Diethylphthalate	15.16	149	658764	21.912	ng/ul	99
58) Fluorene	15.37	166	683731	21.413	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.37	204	384425	21.538	ng/ul	97
60) 4-Nitroaniline	15.43	138	80918	18.516	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.47	198	107641	19.541	ng/ul	100
64) N-Nitrosodiphenylamine	15.59	169	570232	22.069	ng/ul	100
65) 4-Bromophenyl-phenylether	16.27	248	233329	21.696	ng/ul	98
66) Hexachlorobenzene	16.37	284	270600	21.560	ng/ul	97
67) Atrazine	16.55	200	187742	20.453	ng/ul	98
68) Pentachlorophenol	16.73	266	145150	20.005	ng/ul	99
69) Phenanthrene	17.12	178	1027996	21.499	ng/ul	99
71) Anthracene	17.21	178	1050797	21.453	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.11	216	327351	22.013	ng/uL	99
73) Pentachlorobenzene	14.64	250	331783	21.910	ng/uL	96
74) Carbazole	17.49	167	846271	20.868	ng/ul	100
75) Di-n-butylphthalate	18.04	149	943010	21.080	ng/ul	99
76) Fluoranthene	19.14	202	1117108	20.027	ng/ul	97
79) Pyrene	19.50	202	1136141	22.475	ng/ul	100
80) Butylbenzylphthalate	20.41	149	338136	21.682	ng/ul	97
81) 3,3'-Dichlorobenzidine	21.20	252	226612	18.281	ng/ul	99
82) Benzo(a)anthracene	21.26	228	1047519	21.232	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.18	149	480375	21.396	ng/ul	99
84) Chrysene	21.31	228	990898	21.304	ng/ul	100
86) Di-n-octyl phthalate	22.06	149	807635	19.302	ng/ul	100
87) Benzo(b)fluoranthene	22.83	252	1017750	21.100	ng/ul	99
88) Benzo(k)fluoranthene	22.88	252	965312	20.471	ng/ul	99
90) Benzo(a)pyrene	23.41	252	961669	21.295	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.74	276	1178730	22.509	ng/ul	99
92) Dibenzo(a,h)anthracene	25.76	278	991550	22.773	ng/ul	99
93) Benzo(g,h,i)perylene	26.44	276	998892	22.939	ng/ul	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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